

REMARKS

In the outstanding Official Action, claims 1-11 were rejected under 35 USC 102(b) as being anticipated by Mouchot et al., with claim 12 being rejected under 35 USC 102(b) as being anticipated by Kim et al., all for the reasons of record.

In response, independent claim 1 has been amended to more particularly and precisely define the novel and unobvious subject matter of the instant invention, and it is respectfully submitted that independent claim 1, as well as the remaining claims depending therefrom, are now clearly patentably distinguishable over the cited and applied references for the reasons detailed below.

More particularly, claim 1 is herewith amended to more particularly recite that the sensor comprises at least two magneto resistive sensor elements, and claims 2-5 have also been amended to recite the sensor elements in the plural. Additionally, claims 4, 6, 10 and 12 have been amended for proper claim dependency.

It is respectfully submitted that the Mouchot reference neither shows nor suggests a sensor comprising at least two magneto restrictive sensor elements as now more precisely recited in all of the currently-pending claims as amended. Rather, the cited portion of Mouchot (col. 4, lines 60-64) and related Fig. 3 show and describe a sensor structure in which only one magneto resistive sensor element R(H) is shown and described. The other resistors (R1, R2 and R3) are simply

described as conventional resistors whose values are selected to fix a voltage at the input A. It can be clearly seen from Fig. 3 and the associated description as cited in the Action that only resistor R(H) is made of magneto resistive tape and have magnetic properties.

With regard to the other portion of the specification cited (col. 8, line 54 - col. 9, line 7), a careful reading of this portion of the reference will reveal that this portion of the specification in fact refers to the manufacture of a large number of current sensors on a single substrate, with the individual magneto resistive tapes then being cut to form strips which are used singly, such as the magneto resistive tape R(H) as shown and described elsewhere in the reference.

Thus, it is respectfully submitted that the currently-pending claims, which are directed to a sensor structure having at least two magneto restrictive sensor elements, is neither shown nor suggested in Mouchot. Furthermore, the Kim reference, cited only against claim 12, clearly does not show or suggest any such structure. Accordingly, allowance of the currently-pending claims is therefore respectfully submitted to be justified at the present time, and favorable consideration is earnestly solicited.

Respectfully submitted,

By _____

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